

REO, MINI REO II & OK



Listing
ETL certified to US and Canadian safety standards.

Warranty
5-year limited warranty.

The REO collection is more than one product, it is a family which offers a solution for many lighting demands, from residential to hotel, restaurant to retail and much more. In line with this philosophy, Reo comes in single and double fixtures, round or square, orientable or fixed, in multiple finishing colours, for both indoor and outdoor use. The design of these recessed conical spots delivers a hardly visible transition from the intense light to the ceiling, resulting in a halo-like effect, ideal to give the space an extra dimension.

Specification	Round Std Adj	Round Std Fixed	Round Mini Adj	Round Mini Fixed
LED Aperture:	1 ¹¹ / ₁₆ "		1 ¹ / ₈ "	
Ceiling Cut-out:	3 ⁷ / ₈ "	3"	2 ³ / ₄ "	2 ³ / ₁₆ "
Ceiling Thickness:	Max. 1"	Max. ⁷ / ₈ "	Min. ³ / ₁₆ "	
Adjustability:	Adjustable 0-30° / 350°	Fixed	Adjustable 0-30° / 360°	Fixed
Rating:	Damp			
Performance	Fixed CCT (Std)	Fixed CCT (Mini)	Soft Dim (Std)	
CRI / TM-30 (3000K):	90 / Rf: 90 / Rg: 99			90
SDCM:	2	1	2	
LED Maintenance:	L90B10>50,000h			
*Standard Power (SP):	10W	7W	12W	
² Remote Power Supply Capacity (# luminaires) SP:	D1-UNV min1-max3 D8A-120 min1-max1			
*High Power (HP):	14W	10W		
² Remote Power Supply Capacity (# luminaires) HP:	D1-UNV min1-max2 D8A-120 min1-max1 / D8B-120 min2-max2			
Delivered Lumens	3000K			3000-1800K
<i>**See page 3 for full details</i>	NS	MS	MD	WS
Reo Round Std SP:			887	876
Reo Round Std HP:			1194	1180
Reo Round Mini HP:	692	715	709	

Ordering

SEE NEXT PAGE FOR MINI STYLE

Example: REORS2-F35WSHP-W-STNPF1-277

Luminaire	Shape	Style	Rating	Function	CCT	Optic**	Power*	Finish	Installation	Application	Controls***
REO REO	R Round	S Standard	2 IP20 for interior use	A Adjustable (OK) F Fixed	27 2700K 30 3000K 35 3500K SD Soft Dim 3000-1800K	MD Medium Spot 33° WS Medium Wide Spot 50° WS Medium Wide Spot 45°	SP Standard Power HP ¹ High Power SP Standard Power	B Black W White	ST Recessed with small trim	NPF New Construction Non-IC Plasterframe REM Remodel Non-IC IAT ¹ New Construction IC Airtight	D1-120 0-10V dim 120V D1-277 0-10V dim 277V D1-347 0-10V dim 347V D8-120 FE ELV dim 120V D1-UNV 0-10V dim 120-277V D1-347 0-10V dim 347V D8-120 FE ELV dim 120V

¹ Power HP not available with Application IAT.
*** Contact factory for Dali, DMX, or other dimming options.

Related Products

Reo X (round exterior), Reo S (square interior)

DELTALIGHT

www.deltalight.com



Ordering (cont.)

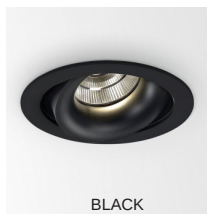
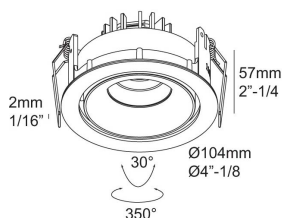
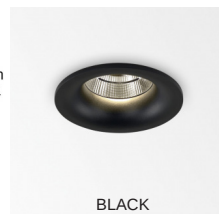
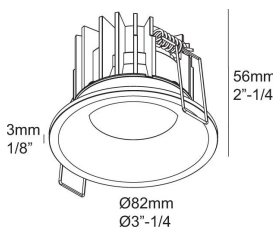
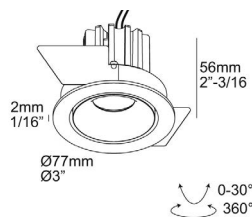
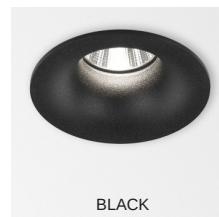
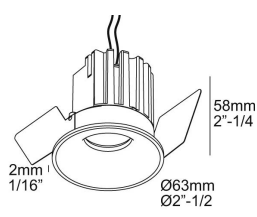
ALL BOXES MUST BE FILLED IN TO CORRECTLY ORDER

Example: REORM2-A30NSSP-B-STIAT_RMTD8A-120

Luminaire	Shape	Style	Rating	Function	CCT	Optic**	Power*	Finish	Installation	Applications	Controls***
REO REO	R Round	M Mini	2 IP20 for interior use	A Adjustable (OK) F Fixed	27 2700K 30 3000K 35 3500K	NS Narrow Spot 18° MS Medium Narrow Spot 25° MD Medium Spot 37°	SP ¹ Standard Power HP High Power	B Black W White	ST Recessed with small trim	IAT ¹ New Construction IC Airtight	D1-UNV 0-10V dim 120-277V D1-347 0-10V dim 347V D8-120 FE ELV dim 120V
										IAT_RMT ² New Construction IC Airtight+ Remote Power Supply	D1-UNV 0-10V dim 120-277V D1-347 0-10V dim 347V D8A-120 FE ELV dim 120V D8B-120 ³ FE ELV dim 120V

¹ Power SP not available with Application IAT.² Remote power supply capacity noted in table on Page 1.³ Controls D8B only available with Power HP.

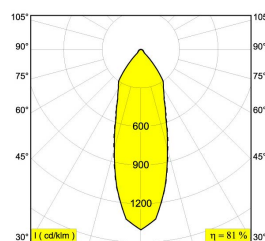
*** Contact factory for Dali, DMX, or other dimming options.

Finish Options**REO ROUND STD ADJUSTABLE****REO ROUND STD FIXED****REO ROUND MINI ADJUSTABLE****REO ROUND MINI FIXED**

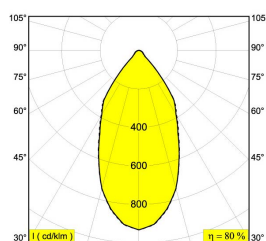
Photometric Data

Delivered Lumens:	2700K				3000K				3500K				3000-1800K
**Optic:	SS	MS	MD	WS	SS	MS	MD	WS	SS	MS	MD	WS	WS
Reo Round Std Standard Power:			848	838			887	876			918	908	831
Reo Round Std High Power:			1142	1129			1194	1180			1238	1223	
Reo Round Mini Standard Power:	476	493	488		498	515	510		510	527	522		
Reo Round Mini High Power:	662	685	678		692	715	709		709	732	726		

REO STD

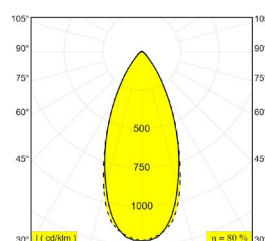


MD 33°

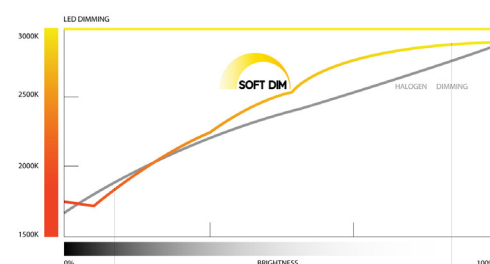


WS 50°

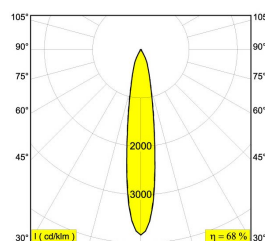
REO STD SOFT DIM



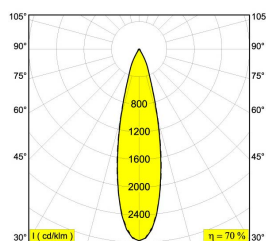
WS 45°



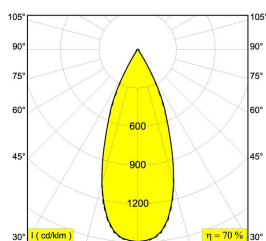
REO MINI



NS 18°



MS 25°



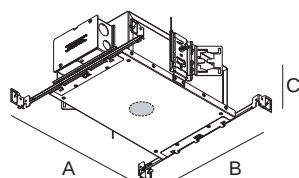
MD 37°

Soft Dim technology replicates the dimming behavior of a conventional lamp where the color temperature increases in warmth as it is dimmed. This is achieved through the use of specially selected LEDs of different color temperatures and power types from premium chip manufacturers. Consistency is ensured without complexity with the use of specific and precise LED selection. The LED's selected have color tolerances that are higher than 2 SDCM ensuring module-to-module accuracy.

Installation Options

IC AIRTIGHT (Style S only)

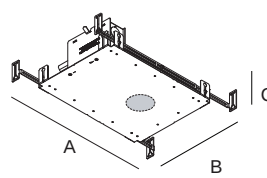
S-SMALL:
A:15"-7/16 x B:8"-11/16 x C:5"
A:393mm x B:220mm x C:127mm



- Low Profile 5" Height
- New Construction Airtight
- For use in insulated ceiling
- Chicago Plenum
- ETL Listed
- Hangerbar expand to 26"- reduce to 14"-3/16
- Damp rated

NON-IC PLASTERFRAME (Style S only)

S-SMALL:
A:12"-23/32 x B:11"-1/16 x C:5"
A:323mm x B:281mm x C:127mm

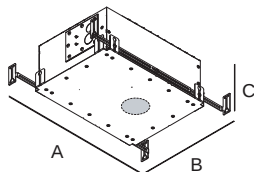


- Low Profile 5" Height
- New Construction
- For use in non-insulated ceiling
- ETL Listed
- Hangerbar expand to 24"-23/32 or 15"-3/32 - reduce to 12"-23/32 or 9"-1/32
- Damp rated
- Voltage dedicated (120V or 277V)

Installation Options (cont.)

IC AIRTIGHT (Style M only)

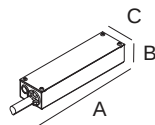
S-SMALL:
A:12"-5/8" x **B:**11"-1/16" x **C:**4"-13/16"
A:323mm x **B:**281mm x **C:**122mm



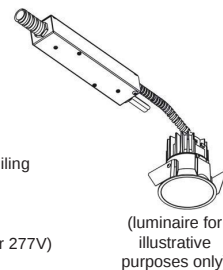
- Low Profile under 5" Height
- New Construction Airtight
- For use in insulated ceiling
- Chicago Plenum
- ETL Listed
- Hangerbar expand to 24"-23/32 or 15"-3/32 - reduce to 12"-23/32 or 9"- 1/32
- Damp rated
- Patented System for easy driver servicing from room side

REMODEL NON-IC (Style S only)

A:10" x **B:**1"-3/8" x **C:**2"
A:254mm x **B:**35mm x **C:**50mm

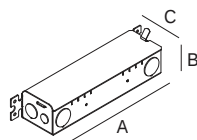


- For Remodel application
- For use in non-insulated ceiling
- ETL Listed
- Damp rated
- Voltage Dedicated (120V or 277V)



REMOTE DRIVER (Style M Application IAT_RMT - with Control D8 only)

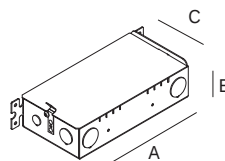
A: 8" x **B:** 2"-1/2" x **C:** 2"-1/2"
A: 203mm x **B:** 64mm x **C:** 64mm



- For Remote application
- ETL Listed
- Damp rated

REMOTE DRIVER (Style M Application IAT_RMT - with Control D1 only)

A: 8" x **B:** 2"-3/16" x **C:** 4"-1/4"
A: 203mm x **B:** 72mm x **C:** 108mm



- For Remote application
- ETL Listed
- Damp rated

Driver Options

D1

- Dimming Control 0-10V
- Dimming Range 1-100%
- Dim to off yes at 0.8V, 1V, 1.2V, or N/A
- Power Factor @ Full Load >0.9 under 120Vac Input with 80~100% load condition (for all output currents)
- Efficiency @ Full Load ≥86
- THD @ Full Load <20% under 120Vac input with 80~100% load condition (for all output currents)

Dimmer Compatibility

- Leviton IP710-LFZ / IP710-DLX
- Lutron DTV/DVSTV/DVSCTV/DVSCSTV

D8

- Dimming Control Phase Control
- Dimming Range 10-100%
- Dim to off no
- Power Factor @ Full Load >0.9
- Efficiency @ Full Load ≥80
- THD @ Full Load <5%

Dimmer Compatibility

- Leviton IPE04-1LZ
- Lutron DVELV-300P

D8 (With Style S Power HP)

- Dimming Control Phase Control
- Dimming Range 20-100%
- Dim to off yes
- Power Factor @ Full Load >0.95
- Efficiency @ Full Load ≥80
- THD @ Full Load <10%

Dimmer Compatibility

- Leviton IPE04-1LZ
- Lutron DVELV-300P

As technology changes, please use information above as guidance. For most recent updated information please contact factory. Specifications subject to change without notice.